CIVIL XPERTS
ISO 9001:2008
CONSULTANTS & TESTING CENTER

174, Sri Ranga Complex
Amrutha Nagar Main Road
New Bank Colony, Konanakunte
Bangalore - 560 062.
Mobile : +91 97429 59595
Tele/Fax : 080-2632 2565
E-mail : civilexpertsltd@gmail.com
URL : www.civilexperts.in

NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-LNP-PMC-2014-15 Date: 29.05.2014

TEST REPORT

CLIENT	:	**Executive Engineer,** Rajarajeshwarinagar Division, BBMP, Bangalore.
AGENCY	:	**Sri.L.Nithyananda Prabhu,** Contractor, Bangalore.
NAME OF THE WORK	:	Providing and Laying HDPE Water Line in HMT Layout Block-II in JP Park, Ward No.17.
REFERENCE	:	EE/RRND/Wo.No/219/2013-14 Dated:05.02.2014
SAMPLE ID	:	Cement
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part -5)	160 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	370 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.00 %	-

Note:
⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.
⇒ Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2008
CONSULTANTS & TESTING CENTER

174, Sri Ranga Complex
Amrutha Nagar Main Road
New Bank Colony, Konanakunte
Bangalore - 560 062.
Mobile : +91 97429 59595
Tele/Fax : 080-2632 2565
E-mail : civilexpertsltd@gmail.com
URL : www.civilexperts.in

NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-LNP-PMC-2014-15

Date : 29.05.2014

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Rajarajeshwarinagar Division, BBMP, Bangalore.

Agency : **Sri.L.Nithyananda Prabhu,** Contractor, Bangalore.

Name of Work : Providing and Laying HDPE Water Line in HMT Layout Block-II in JP Park, Ward No.17.

Reference : EE/RRND/Wo.No/219/2013-14 Dated:05.02.2014

Date of Testing : 29.05.2014

Material : Sand

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	85	8.50	8.50	91.5	90-100
2.36	132	13.20	21.70	78.3	75-100
1.18	128	12.80	34.50	65.5	55-90
600 Micron	207	20.70	55.20	44.8	35-59
300 Micron	220	22.00	77.20	22.8	8-30
150 Micron	140	14.00	91.20	8.8	0-10

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 90 days from the date of testing.

For Civil Experts

Authorised Signature

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2008
CONSULTANTS & TESTING CENTER

174, Sri Ranga Complex
Amrutha Nagar Main Road
New Bank Colony, Konanakunte
Bangalore - 560 062.
Mobile : +91 97429 59595
Tele/Fax : 080-2632 2565
E-mail : civilexpertsltd@gmail.com
URL : www.civilexperts.in

NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-LNP-PMC-2014-15

Date : 29.05.2014

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Rajarajeshwarinagar Division, BBMP, Bangalore.

Agency : **Sri.L.Nithyananda Prabhu,** Contractor, Bangalore.

Name of Work : Providing and Laying HDPE Water Line in HMT Layout Block-II in JP Park, Ward No.17.

Reference : EE/RRND/Wo.No/219/2013-14 Dated:05.02.2014

Date of Testing : 29.05.2014

Material : 40mm Aggregates

Total wt. of aggregates in gms = **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	308	2.05	2.05	97.95	95-100
20	8465	56.43	58.49	41.51	30-70
10	3561	23.74	82.23	17.77	10-35
4.75	2398	15.99	98.21	1.79	0-5

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 90 days from the date of testing .

For Civil Experts

Authorised Signature

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2008
ONSULTANTS & TESTING CENTER

174, Sri Ranga Complex
Amrutha Nagar Main Road
New Bank Colony, Konanakunte
Bangalore - 560 062.
Mobile : +91 97429 59595
Tele/Fax : 080-2632 2565
E-mail : civilexpertsltd@gmail.com
URL : www.civilexperts.in

NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-LNP-PMC-2014-15 Date : 29.05.2014

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Rajarajeshwarinagar Division, BBMP, Bangalore.

Agency : **Sri.L.Nithyananda Prabhu,** Contractor, Bangalore.

Name of Work : Providing and Laying HDPE Water Line in HMT Layout Block-II in JP Park, Ward No.17.

Reference : EE/RRND/Wo.No/219/2013-14 Dated:05.02.2014

Date of Testing : 29.05.2014

Material : 20mm Aggregates

Total wt. of aggregates in gms = **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	200	4.0	4.0	96.0	95-100
10	2698	54.0	58.0	42.0	25-55
4.75	1798	36.0	93.9	6.1	0-10

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 90 days from the date of testing .

For Civil Experts

Authorised Signature

Scanned by CamScanner

CIVIL EXPERTS
ISO 9001:2008
CONSULTANTS & TESTING CENTER

174, Sri Ranga Complex
Amrutha Nagar Main Road
New Bank Colony, Konanakunte
Bangalore - 560 062.
Mobile : +91 97429 59595
Tele/Fax : 080-2632 2565
E-mail : civilexpertsltd@gmail.com
URL : www.civilexperts.in

NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-LNP-PMC-2017-18

Date: 29.06.2014

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Rajarajeshwari Nagara Division, BBMP, Bangalore.

Contractor : **Sri.L.Nithyananda Prabhu,** Contractor, Bangalore.

Name of the work : Providing and Laying HDPE Water Line in HMT Layout Block-II in JP Park, Ward No.17.

Reference : EE/RRND/Wo.No/219/2013-14 Dated:05.02.2014

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	01.06.2014	29.06.2014	8.195	495.7	22.03
2	01.06.2014	29.06.2014	8.124	515.6	22.92
3	01.06.2014	29.06.2014	8.132	507.7	22.56

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

Scanned by CamScanner